

North Carolina Weather & Crops Report

Released April 24, 2017



CROP SUMMARY FOR THE WEEK ENDING APRIL 23, 2017

DAYS SUITABLE FOR FIELD WORK				
This Week	Last Week	Last Year	5-Year Avg.	
5.7	6.5	5.6	4.9	

CROP PROGRESS PERCENT – WITH COMPARISONS				
	This Week	Last Week	Last Year	5 Yr. Avg.
PLANTED:				
Corn	63	32	69	64
Tobacco: Flue-cured	24	n/a	15	18
PHENOLOGICAL:				
Corn % Emerged	12	n/a	31	31
Wheat % Headed	60	21	37	37

SOIL MOISTURE PERCENT				
	VS	ST	A	SS
Topsoil Moisture	4	28	58	10
Subsoil Moisture	4	24	70	2
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP CONDITION PERCENT					
	VP	P	F	G	EX
Barley	1	12	36	47	4
Corn	0	0	14	85	1
Oats	1	4	36	56	3
Pasture	3	11	36	45	5
Wheat	1	9	25	58	6
VP = Very Poor P = Poor F = Fair G = Good EX = Excellent					

The county received some much needed rain during the latter half of the week. Most of the rainfall was a gentle, soaking rain; however, there were periods of heavy rain which did cause some localized flash flooding with little or no damage. Rainfall amounts were variable across the county but most areas received between 3.5"-5". The rain hindered most field activities but there was a small amount of corn planted early in the week. Pastures and hay ground continues to improve in response to fertilization and moisture. **Stanley Holloway – Yancey County Extension** Rain started Thursday and is continuing. There is some flooding along streams and the river. Will not know the extent of damage due to flooding until water recedes. Grass is looking good for both pasture and hay crop.

Julia Houck – Ashe/Alleghany County Extension

Near normal rainfall for period of 1" with above normal temperatures. **Robert Hawk – Swain County Extension** Rainfall of about 1 inch occurred over several events this week. Our small grains are used for green chop, so grain condition is not a factor for us. **Steve Duckett - Buncombe County Extension** All tobacco growers started planting this week. The wheat crop is heading out and we are seeing stunted wheat from the freeze damage. The rain that is moving in will be a great for all crops and pastures. **Charles Mitchell - Franklin county Extension**

There will be few peaches and no plums this year. Only the highest chill hour varieties (Contender, China Pearl) set adequate fruit, to amount to half a crop for those varieties. Overall, the peach crop will be 10% of normal. Small fruits, especially blueberries, were ruined by March freeze (3/13-3/18). Rains late this week have improved small grain fill.

Taylor Williams – Moore County Extension

Dry warm weather has sped corn planting. Could use a rain shower to help germination. Would appear most corn will be planted timely and beans will follow shortly.

Daniel Simpson – Pamlico County Extension

Rains in most areas have improved soil moisture levels and crop potentials. **Phil Rucker – Davie-Yadkin County Extension** Warmer temperatures and frequent rains have been of benefit to all the crops grown in Rutherford County.

Janice Nicholson – Rutherford County Extension

Scattered rain - 0.1" to 0.5" - across the county last week did little to help soil moisture situation, in part due to constant daytime winds. Early planted corn looks good with some March planted corn at V4. **Mark Seitz – Pender County Extension** Corn planting is almost complete. Some soybeans are in the ground. Need a shower to help germination.

Daniel Simpson - Pamlico County Extension

Tobacco transplanting began during the week. Expect that to continue as more growers begin transplanting. Rainfall at the end of the week will help soil moisture and help increase survival of transplants and help corn and other crops emerge. Corn planting has started, but only a few fields have been planted so far.

Pastures started growing more quickly at the end of the week when we started receiving some rainfall. Grass had been growing slowly due to low soil moisture. Farmers should be able to stop feeding hay soon. **Paul Westfall – Granville County Extension**

The area is getting some much needed rainfall this week. We have had excellent weather to this point for planting corn, cotton, and transplanting tobacco. Farmers were originally going to begin cotton and peanut planting this week, but the weather will delay their planting dates. This isn't of much concern, we still have a large planting window ahead of us to plant when conditions are favorable. **Roy Thagard – Greene County Extension** Very Dry Corn planting is progressing. A few are transplanting tobacco. Wheat is progressing.

Gary Cross – Person County Extension

Wilson County is getting some well needed rain now. There were spots in the county, where the dirt was like baby powder.

Danny Tharrington – Wilson County FSA

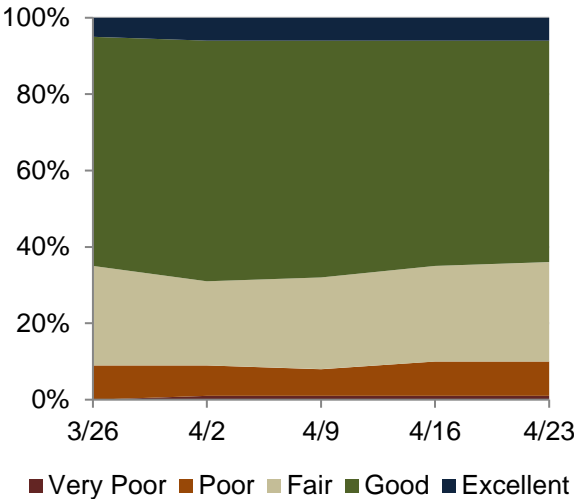
Stripe rust is found very commonly in wheat.

Norman Harrell – Wilson County Extension

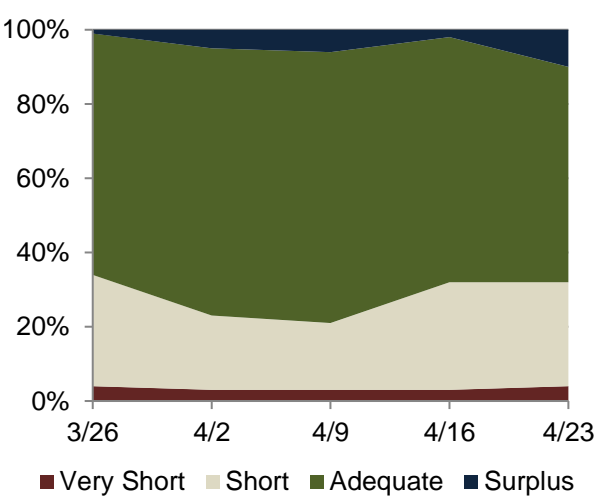
Strawberries that were damaged heavily by the March freeze have finally began to produce at adequate levels. Many growers had ample supplies this week. It was a good week for transplanting tobacco. Wheat rust has been widespread over the last week and susceptible varieties are showing the effects. Many fields have been treated for the disease.

Georgia Love – Agronomist Region 5

WINTER WHEAT PERCENT CONDITION



TOPSOIL MOISTURE PERCENT



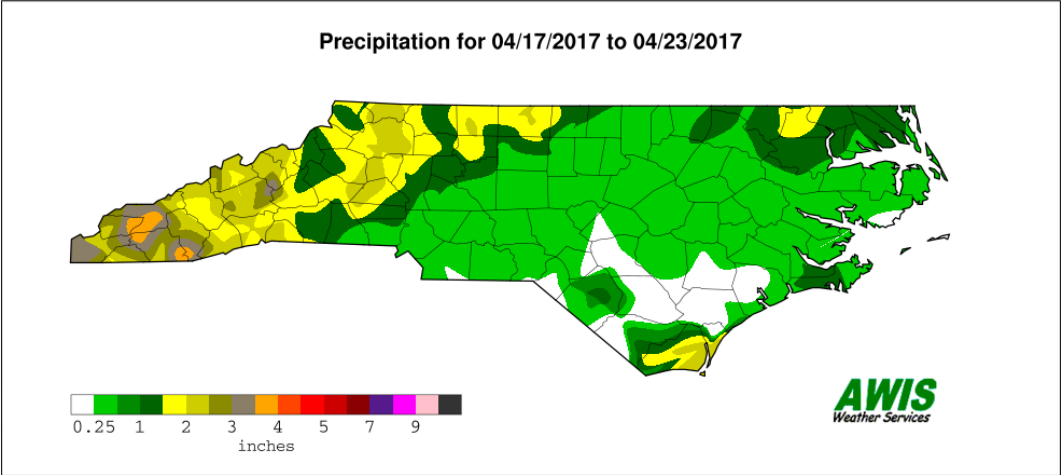
WEATHER SUMMARY FOR THE WEEK ENDING APRIL 23, 2017									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.30	-0.49	8.73	-6.31	85	50	68	8	333
Asheville	2.16	1.38	11.66	-3.45	80	50	63	7	243
Burlington	0.87	0.14	8.86	-5.03	87	50	69	9	349
Charlotte	0.53	-0.10	12.00	-2.16	87	52	69	7	352
Clayton	0.42	-0.22	11.54	-2.74	86	54	69	9	319
Clinton	0.48	-0.22	8.04	-6.45	91	57	72	10	370
Elizabeth City	1.47	0.82	10.10	-4.49	88	54	71	10	350
Erwin	0.46	-0.24	8.67	-6.15	90	57	72	12	396
Fayetteville	0.10	-0.56	6.98	-7.37	91	59	74	12	421
Gastonia-Gaston	0.72	0.09	11.52	-2.87	86	51	68	7	343
Goldsboro	0.40	-0.37	8.58	-6.64	89	56	72	8	399
Greensboro	0.75	-0.04	9.81	-3.27	86	48	67	8	324
Greenville	0.51	-0.20	11.38	-2.97	88	54	72	10	370
Hickory	2.53	1.69	14.02	-1.83	82	49	66	6	293
Jefferson	1.26	0.35	13.54	-1.79	76	46	59	9	109
Kinston	0.61	-0.16	9.81	-4.93	89	54	70	9	348
Maxton	0.33	-0.25	8.79	-5.73	88	58	71	8	379
Mount Airy	1.16	0.26	12.72	-2.00	83	47	62	6	195
New Bern	0.58	-0.19	12.33	-3.31	89	56	72	10	382
North Wilkesboro	2.43	1.45	14.10	-2.46	83	49	65	8	250
Oxford	0.84	0.14	8.81	-5.33	84	47	65	7	254
Raleigh-Durham	0.58	-0.05	8.94	-4.67	89	53	71	10	378
Reidsville	2.08	1.23	11.31	-3.71	84	46	66	7	285
Roanoke Rapids	1.35	0.59	11.19	-2.97	85	53	70	11	333
Robbinsville	3.75	2.61	22.04	-2.18	80	52	64	8	251
Rockingham	0.31	-0.33	9.86	-4.77	88	57	71	10	359
Roxboro	0.80	0.09	10.58	-4.02	86	47	67	9	278
Southern Pines	0.42	-0.28	8.75	-6.53	89	55	71	9	372
Statesville	1.32	0.55	13.12	-1.32	83	50	66	6	269
Tarboro	0.61	-0.09	10.55	-3.80	87	55	70	11	337
Vale	1.96	1.20	14.39	-1.07	85	51	67	7	272
Wallace	0.01	-0.66	11.44	-3.32	89	56	71	7	351
Washington	0.72	0.02	11.20	-3.22	87	54	71	10	368
Waynesville	1.69	0.85	12.39	-4.91	80	47	62	9	205
Whiteville	0.13	-0.51	9.93	-4.51	87	57	71	8	369
Williamston	0.98	0.28	11.06	-3.36	88	54	71	10	348
Wilmington	0.08	-0.58	11.17	-3.40	88	58	72	8	389
Wilson	1.28	0.58	9.88	-4.60	87	53	69	8	351
Winston Salem	1.68	0.89	12.69	-0.39	84	48	67	8	326

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.



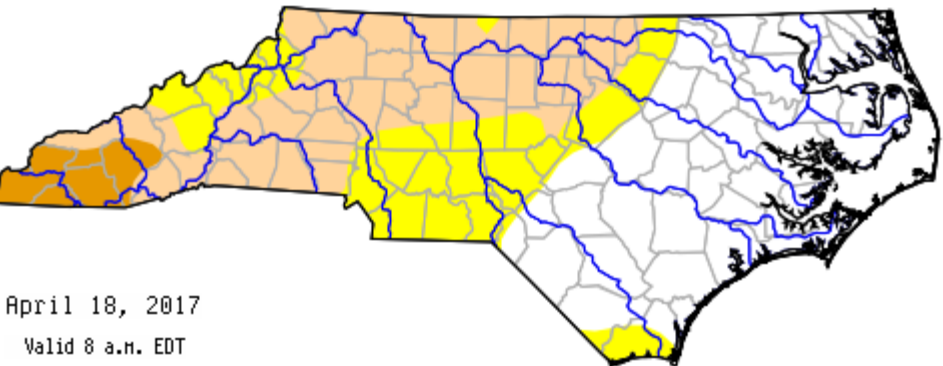
US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)